PHA Page 1 of 3

Inside Home Find & Search

People Finder

PHA Findings

PHA Database | PSM Home | LC, Seismic & ISS Findings



| PHA Search | PHA Results | Employee Feedback | Print this page |

ABU	Plant	Revalidation	Start Date	End Date	Facilitator	Scribe			
D&R	Naptha Splitter	2nd Revalidation	1/26/2004	1/27/2004	Steve Aakhus, AcuTech Consulting	Steve Aakhus			
	am Members / Role er, Tifanie Steele, Brian Vir	nes, Karen Graul, Ed Zecchini		Close Out N	leeting Participants / Role				
Addition	al Participants / Role	e		Entire PHA	Entire PHA Report				
					er discussion about any portion of the report and its contents shoເ cted to the facilitator or any of the team members listed				
Commen	its								
Reviewe	d By Date	Feedback/Comments							

Section No		Section Description										
001		Feed from C-440 to C-4410										
Item	WhatIf	Deviation	A/C	SOE	RR	ABU Proposal	Resolution	Owner	Due By	Status		
1-24	16156	Miscellaneous/ Sampling	Concern: Personnel exposure to Benzene during C-4410 overhead sampling. All other benzene sampling stations use the bomb-type container for sampling. Incident RIC-		1		conducted (in the breathing zone) while operators collected samples at	Cook, Gerald E.		Completed		

00-0495 relates a benzene exposure incident. Consider: Install bomb type sample stations. This AC was declined in 2000. The Reval Team suggests consideration be given to benzene sampling consistency. The bomb-type sample station installation should be reconsidered.

from the last sampling done by Derek and Jerry a couple years ago, a "bomb " sample collection station at this time is not required. Existing engineering controls limit the exposure and if workers keep the door closed and avoid getting their face into the collection opening, exposure to action levels of Benzene should not exist. ---- Original Message---- From: Cook, Gerald (GERC) Sent: Tuesday, February 17, 2004 2:00 PM To: Smith, Silvia (SREV); Selby, George (GMSelby); Fenter, Charles M (mfenter) Cc: Steele, Tifanie (TifanieSteele); Messina, Martin (MartinMessina); Sutherland, Timothy (TSUT); Matallana, William (WMTL); Zarbis, James T (JTZA); Robinson, Mark (RMAW) Subject: RE: Naphtha Splitter ACs.doc Silvia, At your request I conducted a Benzene air test while Mike Fenter collected a liquid sample at the sample station for C04410 OVHD. The entire sample collection from start to finish was accomplished in less than three minutes. The Cal/OSHA permissible exposure limit (PEL for an eight hour day) for Benzene is 1 PPM. The Short term Exposure Limit or STEL (15 minutes) is 5 ppm. The direct read results from this test were 0 PPM. Please note the current weather conditions (very strong winds) may have an impact on the results. Additionally, the method in which the operators collect samples may vary, however, if all operators close the sample station door while collecting the liquid and only open the door briefly to cork the bottle (keeping their face back from the inside of the box) then I see no reason why any exposure in the "breathing zone" should occur. Later in the year when the temperature heats up and the winds are a bit calmer I would be glad to re-test and compare the

PHA Page 3 of 3

results. Let me know if we can be of further assistance. Jerry Cook, Field Safety Coordinator / Industrial Hygiene Chevron Products Company Richmond Refinery Technical Center Rm. 338 841 Chevron Way, Richmond, CA 94801 Tel 510 242 4420 Fax 510 242 4406 mailto:Gerc@chevrontexaco.com A ChevronTexaco Company Abnormal events, such as overfilling, will require 1/2 mask repirator and nitrile glove when retreiving the sample bottle from the sample box. Joe Palinkas 9/14/00

Section	n No	Section Des	cription									
002		Overhead vapor from C-4410 to Condenser E-4410 and combined overhead										
Item	WhatIf	Deviation	A/C	SOE R	R ABU Proposal	Resolution	Owner	Due By	Status			
2-12	16157	More Temperature	A) Concern: If fan(s) should shutdown, board indications lag such that the Operator does not have adequate time to react. This AC was declined during the 1st Reval Team meeting. Consider reestablishing this AC to either bring status indicators and/or fan outlet TI alarm into the control house. Earlier indication allows the Operator more time to mitigate the potential problem by starting more fans and/or making process moves. B) Concern all fans are on same power source. Consider putting half of the fans on aseparate power source. This AC was previously declined.		Evaluate whether there current safeguards are adequate and make recommendations. Implement recommendations in the field. The recos above were considered and the Division will change an alarm point to give operators an early warning of fin fan failure. The alarm change will be done instead of A/B noted above.	on valve position instead which will be an earlier indication of fin fans shutting down. This was done instead of adding a TI or moving fans to separate power sources. The	Wilson, Clifford P.	8/25/2006	Completed			

Back to top

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